

## U.S. PATENT DOCUMENTS

| Examiner Initials* | $\begin{aligned} & \text { Cite } \\ & \text { No. }{ }^{1} \end{aligned}$ | Document Number | $\begin{gathered} \text { Publication Date } \\ \text { DD-MMM-YYYY } \end{gathered}$ | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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|  |  | Number-Kind Code ${ }^{2}$ (ffrmms) |  |  |  |
|  | 1 | 5,201,772 | 13-Apr-1993 | Maxwell |  |
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FOREIGN PATENT DOCUMENTS

| $\begin{aligned} & \hline \text { Examiner } \\ & \text { Initials** } \end{aligned}$ | $\begin{aligned} & \hline \text { Cite } \\ & \text { No. } \end{aligned}$ | Foreign Patent Documents | Publication Date DD-MMM-YYYY | Name of Patentee or Applicant of Cited Document. | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | ${ }_{6}{ }_{6}$ |
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|  |  |  |  |  |  |  |
|  | 2 | JP 05-007608 | 19-Jan-1993 | Watanabe |  |  |
|  | 3 | EP 0569489 | 18-Nov-1993 | Maxwell |  |  |
|  | 4 | JP 2000-279463 | 10-Oct-2000 | Ogawa et al. |  |  |
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| Examin <br> Signatu |  | IQuang Thanh |  | Date Considered | 09/14/20 |  |

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| Substitute for form 1449A/PTO <br> INFORMATION DISCLOSURE STATEMENT BY APPLICANT <br> (use as many sheets as necessary) |  |  |  |  | Complete if Known |  |  |
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|  |  |  |  |  | $\begin{array}{\|l} \hline \text { Application Number } \\ \hline \text { Filing Date } \\ \hline \end{array}$ | 10/597,671 |  |
|  |  |  |  |  | June 04, 2007 |
|  |  |  |  |  | First Named Inventor | ENNAV Omer et al |  |
|  |  |  |  |  | Group Art Unit | 3771 |  |
|  |  |  |  |  | Examincr Name | DEMILLE Danton D. |  |
| Sheet |  | 2 | Of | 2 |  | Attorney Docket Number | 34644 |  |
| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |  |  |  |  |  |  |  |
| Examiner Initials | $\begin{aligned} & \text { Cite } \\ & \text { No. }{ }^{1} \end{aligned}$ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |  |  | $\mathrm{T}^{2}$ |
|  | 5 | Translation of Notification of Reasons of Rejection Dated 12 June 2009 From the Japanese Patent Office Re.: Application No. 2006-552011. |  |  |  |  |  |
|  | 6 | Translation of Notification of Reasons of Rejection Dated 14 September 2009 From the Japanese Patent Office Re.: Application No. 2006-552014. |  |  |  |  |  |
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    ${ }^{3}$ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).
    ${ }^{4}$ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document
    ${ }^{5}$ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.
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